CONCORDIA UNIVERSITY

An Intensive Course in Biology

Recombinant DNA Methodology
May 10–May 21, 1982

Instructor: Dr. T.G. Cooper
Professor of Biology
University of Pittsburg,
Pennsylvania

This course will introduce the participants to many of the Recombinant DNA techniques. The course will include both lectures on, and hands-on laboratory experience with these techniques. Methodologies to be covered include:

- Plasmid preparation
- Restriction endonuclease mapping
- Purification of DNA fragments
- DNA ligation
- DNA and RNA purification
- Transformation of yeast
- Radioactive labeling of DNA
- Southern & Northern hybridization

Date and Time:
May 10–May 21, 1982
Lectures Mon–Fri mornings 10:00–11:00
Laboratory 12:00–17:00

This graduate course, Biology 670/1 (4 credits, 60 contact hours) is open to anyone interested in this subject with an appropriate background in genetics and molecular biology. It may be taken for credit or audited.

Tuition Fees:
a) graduate students currently enrolled in any Quebec university and using the cross-registration procedure $40.00 (10.00/credit) plus incidental fees (Canadian and landed immigrant students only).
b) Holders of a student visa are charged $200.00 (50.00/credit), plus incidental fees.
c) anyone else may register as an independent student $80.00 (20.00/credit).
d) anyone wishing to attend this course as an auditor should contact Dr. R. Storms for information.

Registration:
Registration for formal credit is limited to 15 students and must be completed by May 2nd, 1982. Requests for application forms should be addressed to:

Dr. R.K. Storms
Dept. of Biology
Sir George Williams Campus
Concordia University
1455 de Maisonneuve Blvd. W.
Montreal, Que. H3G 1M8
Telephone : (514) 879-8186

Dr. T.G. Cooper is a professor in the Department of Life Sciences, University of Pittsburg, Pittsburg Pennsylvania. His research interests are the Genetics and Molecular biology of gene expression in yeast.

Restriction endonucleases and DNA/RNA modifying enzymes will be donated by Boehring Mannheim Canada.